



2631 #5  
wf  
11-07-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew Storm, et al.

Serial No.: 10/056,728

Filed on: January 22, 2002

Group Art Unit No.: 2631

Examiner: NYA



For: APPROACH FOR PROCESSING DATA RECEIVED FROM A COMMUNICATIONS CHANNEL TO REDUCE NOISE POWER AND OPTIMIZE IMPULSE RESPONSE LENGTH TO REDUCE INTER-SYMBOL INTERFERENCE AND INTER-CHANNEL INTERFERENCE

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

NOV 05 2002

INFORMATION DISCLOSURE STATEMENT

Technology Center 2800

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

  X  

37 C.F.R. §1.97(b).

37 C.F.R. §1.97(c). If so, then this Information Disclosure Statement includes one of the following:

A statement pursuant to 37 C.F.R. §1.97(e)

       1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first

cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

\_\_\_\_\_ 1.97(e)(2) The undersigned hereby states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

\_\_\_\_\_ 37 C.F.R. §1.97(d). If so, then this Information Disclosure Statement includes the following:

\_\_\_\_\_ A statement pursuant to 37 C.F.R. §1.97(e)

\_\_\_\_\_ 1.97(e)(1) The undersigned hereby states that each item of information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement; OR

\_\_\_\_\_ 1.97(e)(2) The undersigned hereby states that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.

AND

\_\_\_\_\_ A check for \$180.00 for the fee under 37 C.F.R. §1.17(i) for submission of the Information Disclosure Statement.

\_\_\_\_\_ 37 C.F.R. §1.97(i). Wherein applicants are submitting references before the grant of a patent to be placed in the file but not considered by the Patent office.

- (1) Accordingly, copies of the references as listed on the attached Form PTO 1449 are submitted herewith for placement in the file. No certification or fees are deemed necessary.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: October 28, 2002



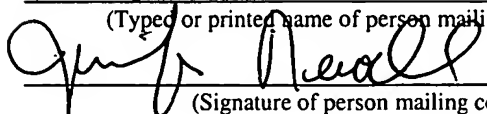
\_\_\_\_\_  
Edward A. Becker  
Reg. No. 37,777

1600 Willow Street  
San Jose, California 95125-5106  
Telephone: (408) 414-1080  
Facsimile: (408) 414-1076

\_\_\_\_\_  
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, Washington, D. C. 20231 on October 28, 2002  
(Date of Deposit)

Jennifer Newell

(Typed or printed name of person mailing correspondence)



\_\_\_\_\_  
(Signature of person mailing correspondence)

NOV 04 2002  
O I P E  
PATENT & TRADEMARK OFFICE

**SERIAL NO.**  
**10/056,728**

**GROUP:**  
2631

[illegible][illegible]

Date Considered

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Page 1 of 1